BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

Date: 15-10-2015

TABLE 12 :

SL No	Test conducted	Sample No	Results	Requirements as per IS:383-1970 & Test Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2007)
1	Flakiness & Elongation Index	01	**23.60%**	Not more than 30 %
2	Impact Value	----,,----	**26.10 %**	Not more then 24.00 % for BC Not more then 27.00 % for DBM Not more then 30.00 % for BM/WMM
3	Water absorption	----,,----	**0.30%**	Not more than 1.0 %
4	Stripping test. (Coating and stripping of Bitumen aggregate mixtures)	----,,----	**97.30 %**	Minimum retained coating 95.0 %

*As Furnished by Client

The Results relate only to the items tested.

15/10/15

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DEPARTMENT OF CIVIL ENGINEERING ★ BANGALORE UNIVERSITY

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BUB/CTE/2015-16/ Date: 28-09-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Asphalting to Road from Maheshwara Temple to Ramchandrapura Circle in Ward No.10, (Doddabommsandra)}

Ref.: Letter No. Testing/BUB/2015-16/ dated 26-09-2015

Sample supplied to lab by: Sri.Vinodkumar, Contractor, Bangalore.

Report required for: Assistant Executive Engineer,
Vidyaranyapura Sub-Division.
BBMP, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**96.40**	95-100
26.50	**---**	-
22.40	**74.00**	60-80
11.20	**48.20**	40-60
4.75	**35.00**	25-40
2.36	**23.00**	15-30
0.600	**18.00**	8-22
0.075	**5.10**	0-8

TABLE 1. 2 :

SL No	Test conducted	Sample No	Results	Requirements as per IS:383-1970 & Test Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2007)
1	Flakiness & Elongation Index	01	**23.60 %**	Not more than 30 %
2	Impact Value	----,,----	**25.40. %**	Not more then 24.00 % for BC Not more then 27.00 % for DBM Not more then 30.00 % for BM/WMM

*As Furnished by Client

The Results relate only to the items tested.

DEPARTMENT OF CIVIL ENGINEERING ★ BANGALORE UNIVERSITY

28/09/2015

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